

## OPINION 1744

*Cheilosia* Meigen, 1822 and *Pyrophæna* Schiner, 1860 (Insecta, Diptera): conserved

## Ruling

- (1) Under the plenary powers:
  - (a) the generic name *Cheilosia* Panzer, [1809], and all uses of the name *Cheilosia* prior to the publication of *Cheilosia* Meigen, 1822, are hereby suppressed for the purposes of both the Principle of Priority and the Principle of Homonymy;
  - (b) all fixations of type species for the nominal genus *Cheilosia* Meigen, 1822 prior to the designation by Coquillett (1910) of *Syrphus flavipes* Panzer, 1798 are hereby set aside.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
  - (a) *Cheilosia* Meigen, 1822 (gender: feminine), type species by subsequent designation by Coquillett (1910) *Syrphus flavipes* Panzer, 1798, as ruled in (1)(b) above;
  - (b) *Pyrophæna* Schiner, 1860 (gender: feminine), type species by monotypy *Syrphus rosarum* Fabricius, 1787.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
  - (a) *flavipes* Panzer, 1798, as published in the binomen *Syrphus flavipes* (specific name of the type species of *Cheilosia* Meigen, 1822);
  - (b) *rosarum* Fabricius, 1787, as published in the binomen *Syrphus rosarum* (specific name of the type species of *Pyrophæna* Schiner, 1860).
- (4) The following names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology:
  - (a) *Cheilosia* Panzer, [1809], as suppressed in (1)(a) above;
  - (b) *Chilosia* Agassiz, 1846 (an unjustified emendation of *Cheilosia* Meigen, 1822).

## History of Case 2730

An application for the conservation of *Cheilosia* Meigen, 1822 and *Pyrophæna* Schiner, 1860 was received from Dr A.V. Barkalov (*Biological Institute, Siberian Branch of the Russian Academy of Sciences, Novosibirsk, Russia*) and Prof I.M. Kerzhner (*Zoological Institute, Russian Academy of Sciences, St Petersburg, Russia*) on 22 June 1989. After correspondence the case was published in BZN 48: 312–315 (December 1991). Notice of the case was sent to appropriate journals. An application which included the conservation of the names *Cheilosia* Meigen and *Pyrophæna* Schiner was received from Dr Tadeusz Zatwarnicki (*Wrocław, Poland*) shortly after that by Dr Barkalov and Prof Kerzhner (see BZN 48: 312, footnote).

It was noted on the voting paper that the published application had the support of Drs Hans Silfverberg (*Universitetets Zoologiska Museum, Helsingfors, Finland*) and F.C. Thompson (*USDA, c/o U.S. National Museum, Washington, D.C., U.S.A.*).

It was also noted that the references mentioned in para. 2 of the application for the usage of the name *Cheilosia* also applied to the usage of *Pyrophaena* (cf. para. 4).

#### Decision of the Commission

On 1 March 1993 the members of the Commission were invited to vote on the proposals published in BZN 48: 314. At the close of the voting period on 1 June 1993 the votes were as follows:

Affirmative votes — 26: Bayer, Bock, Bouchet, Cocks, Cogger, Corliss, Dupuis, Hahn, Halvorsen, Heppell, Holthuis, Kabata, Kraus, Lehtinen, Macpherson, Mahnert, Martins de Souza, Minelli, Nielsen, Nye, Savage, Schuster, Štys, Thompson, Trjapitzin, Willink

Negative votes — none.

No votes were received from Starobogatov and Uéno.

Ride was on leave of absence.

#### Original references

The following are the original references to the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

*Cheilosia* Meigen, 1822, *Systematische Beschreibung der bekannten europäischen zweiflügeligen Insekten*, vol. 3, p. 296.

*Cheilosia* Panzer, [1809], *Faunae insectorum germanicae initia oder Deutschlands Insecten*, Heft 108, p. 14.

*Chilosia* Agassiz, 1846, *Nomenclatoris Zoologici Index Universalis*, p. 80.

*flavipes*, *Syrphus*, Panzer, 1798, *Faunae insectorum germanicae initia oder Deutschlands Insecten*, Heft 54, p. 10.

*Pyrophaena* Schiner, 1860, *Wiener Entomologische Monatschrift*, 4: 213.

*rosarum*, *Syrphus*, Fabricius, 1787, *Mantissa insectorum sistens eorum species ...*, vol. 2, p. 341.

The following is the reference for the designation of *Syrphus flavipes* Panzer, 1798 as the type species of the nominal genus *Cheilosia* Meigen, 1822:

Coquillett, D.W. 1910. *Proceedings of the United States National Museum*, 37: 521.